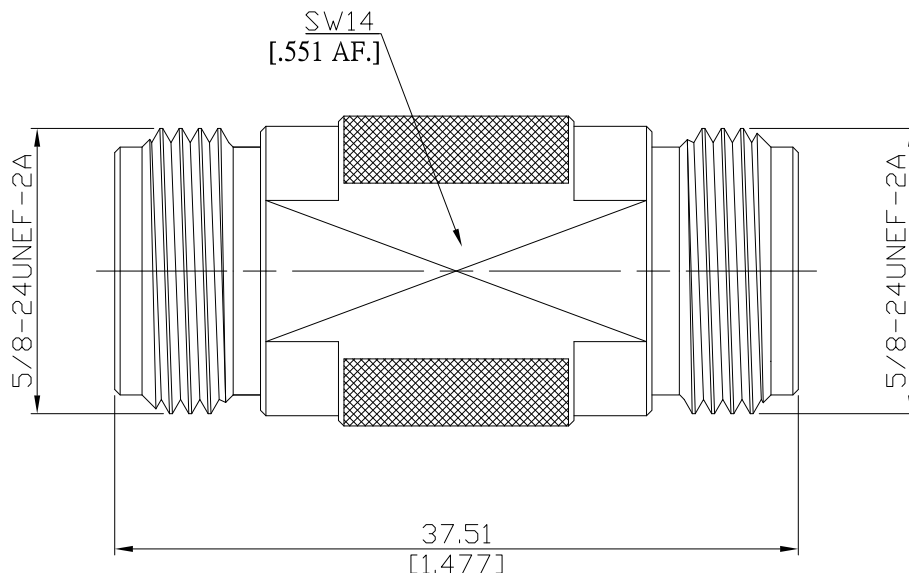


N Jack (Female) to N Jack (Female) Adapter  
DC-12.4 GHz VSWR1.15

**AD-N2N25A / H4-H4**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 61169-16; MIL-STD-348B/304

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 12.4 GHz

Insertion Loss

≤ 1.15 (≥ 23.12 dB)

Insertion loss

≤ 0.1 x √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 1 mΩ

Outer contact resistance

≤ 0.25 mΩ

Working voltage

500 V rms

Power handling

1000 W @ 1 GHz

700 W @ 2 GHz

RF leakage

≥ 128 dB @ DC to 1 GHz

**Material And Plating**

Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Piece Parts (N)	Material	Plating
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DC-12.4 GHz VSWR1.15

**AD-N2N25A / H4-H4**

**Mechanical Data**

Coupling Mechanisms	Screw-lock
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 28 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm

**Environmental Data**

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

**Packing**

Single or 100